

Workload Report



Document generated on 2020-04-27 13:20:52

Time window

From	2020-04-27 00:00:00 (local TZ)	2020-04-26 22:00:00 (UTC)
To	2020-04-27 02:00:00 (local TZ)	2020-04-27 00:00:00 (UTC)
Duration	2h (7200s)	

Filters

pg_instance **pg-crm-1523@pg_12**

1 General	5
1.1 Time window	5
1.2 Filters	5
1.3 PostgreSQL instance	5
1.4 Server	5
2. Workload	6
2.1 Global	6
2.2 Per database	6
2.3 Background	6
3. Temporary files	7
3.1 Global	7
3.2 Per database	7
4. Rows	8
4.1 Global	8
4.2 Per database	8
4.3 Per table	8
5. Sessions workload	9
5.1 by Wait event type	9
5.2 by Wait event	9
5.3 by Database	10
5.4 by User name	10
5.5 by Command type	11
5.6 by Query md5 id	11
6. Queries	12
6.1 Summary	12
6.2 Database crm	13
6.3 Database postgres	14
6.4 By execution time	15
6.5 By shared blocks read	17
6.6 By shared block hit	19
7. Tables access	21
7.1 By reads	21
7.2 By hits	22
8. Indexes access	23
8.1 By reads	23

8.2 By hits	24
9. Data size	25
9.1 By database	25
9.2 Tables	25
9.3 Indexes	26
10. Parameters	27
10.1 Autovacuum	27
10.2 Client Connection Defaults / Locale and Formatting	27
10.3 Client Connection Defaults / Other Defaults	27
10.4 Client Connection Defaults / Shared Library Preloading	28
10.5 Client Connection Defaults / Statement Behavior	28
10.6 Connections and Authentication / Authentication	28
10.7 Connections and Authentication / Connection Settings	29
10.8 Connections and Authentication / SSL	29
10.9 Customized Options	29
10.10 Developer Options	30
10.11 Error Handling	30
10.12 File Locations	30
10.13 Lock Management	31
10.14 Preset Options	31
10.15 Process Title	31
10.16 Query Tuning / Genetic Query Optimizer	31
10.17 Query Tuning / Other Planner Options	32
10.18 Query Tuning / Planner Cost Constants	32
10.19 Query Tuning / Planner Method Configuration	32
10.20 Replication	33
10.21 Replication / Master Server	33
10.22 Replication / Sending Servers	33
10.23 Replication / Standby Servers	33
10.24 Replication / Subscribers	34
10.25 Reporting and Logging / What to Log	34
10.26 Reporting and Logging / When to Log	34
10.27 Reporting and Logging / Where to Log	34
10.28 Resource Usage / Asynchronous Behavior	35
10.29 Resource Usage / Background Writer	35
10.30 Resource Usage / Cost-Based Vacuum Delay	35
10.31 Resource Usage / Disk	35
10.32 Resource Usage / Kernel Resources	36
10.33 Resource Usage / Memory	36
10.34 Statistics / Monitoring	36

10.35 Statistics / Query and Index Statistics Collector	36
10.36 Version and Platform Compatibility / Other Platforms and Clients	36
10.37 Version and Platform Compatibility / Previous PostgreSQL Versions	37
10.38 Write-Ahead Log / Archiving	37
10.39 Write-Ahead Log / Checkpoints	37

11. Queries details 38

11.1 UPDATE sbtest3 SET k=k+\$1 WHERE id=\$2	38
11.2 UPDATE sbtest2 SET k=k+\$1 WHERE id=\$2	39
11.3 UPDATE sbtest1 SET k=k+\$1 WHERE id=\$2	40
11.4 select checkpoints_timed, checkpoints_req, c...	41
11.5 select pg_authid.rolname as tag_user, ltrim(to_cha...	42
11.6 select pg_authid.rolname as tag_user, ltrim(to_cha...	43
11.7 select to_char(now() at time zone \$1, \$2) as ash_t...	44
11.8 select queryid as queryid, query as sql_text, MD5(...	45
11.9 select datname as "tag_database", xact_commit,	46
11.10 select plan from pg_store_plans where planid = \$1	47
11.11 select to_char(now() at time zone \$1, \$2)	48
11.12 select v.pid as tag_pid, v.datname as tag_database...	49
11.13 select s.relid, current_database() as tag_database...	50
11.14 select datname as tag_database, rolname, datcollat...	51
11.15 SELECT extract(\$1 from now() - pg_postmaster_start...	52
11.16 SELECT to_char(pg_postmaster_start_time(),\$1)	53
11.17 BEGIN	54
11.18 COMMIT	55
11.19 select pg_current_wal_lsn() as current_lsn	56
11.20 select name as tag_name, setting, case when	57
11.21 select current_database() as tag_database, s.schem...	58
11.22 BEGIN	59
11.23 COMMIT	60
11.24 select s.relid, current_database() as tag_database...	61
11.25 ROLLBACK	62
11.26 select current_database() as tag_database, s.schem...	63
11.27 select pg_wal_lsn_diff(\$1, \$2) as wal_size	64

1 General

1.1 Time window

From

2020-04-27 00:00:00 (local TZ)

2020-04-26 22:00:00 (UTC)

To

2020-04-27 02:00:00 (local TZ)

2020-04-27 00:00:00 (UTC)

Duration

2h (7200s)

1.2 Filters

pg_instance

pg-crm-1523@pg_12

1.3 PostgreSQL instance

Name	Version	Last startup time	Up time	Dbs	Size
pg-crm-1523@pg_12	11.6	2020-03-21 14:17:13	36 days 10:42:02	2	327MB

1.4 Server

Name	Cpu model	Cores	Cpus	Memory	Swap
------	-----------	-------	------	--------	------

2. Workload

2.1 Global

	Total	/ second
Blocks hit	20544865.0	2853.46
Blocks read	30669.0	4.26
Transactions	1640177.0	227.81
Rollbacks	724.0	0.11
Generated WAL	1GB	206KB

IOs	Count	Time	Avg time
Reads	30669.0	0.891s	0.001s

2.2 Per database

Database	Blocks hit	/ second	Blocks read	/ second
crm	20272569.0	2815.64	30531.0	4.25
postgres	272296.0	37.82	138.0	0.02

Database	Transactions	/ second	Rollbacks	/ second
crm	1636450.0	227.29	0.0	0.0
postgres	3727.0	0.52	724.0	0.11

2.3 Background

	Scheduled	Requested	Total
Checkpoints	24.0	0.0	24.0

	Write time	Sync time	Total
Checkpoint time	2539.766s	1.429s	2541.195s

	Buffers
Writes during checkpoints	190625.0
Writes by BG writer	9052.0
Writes by a backend	668.0
Fsync by a backend	0.0
Allocated	4029.0

3. Temporary files

3.1 Global

	Count	Size	Average size
Files	0.0	0.0	0

3.2 Per database

Database	Count	Size	Average size
crm	0.0	0.0	0
postgres	0.0	0.0	0

4. Rows

4.1 Global

	Total	Per second
Fetches	1805728.0	250.8
Returned	3321165.0	461.28
Inserts	1221.0	0.17
Updates	1636275.0	227.27
Deletes	1221.0	0.17

4.2 Per database

Database	Fetches	Returned	Inserts	Updates	Deletes
crm	1682736.0	3064966.0	1221.0	1636275.0	1221.0
postgres	122992.0	256199.0	0.0	0.0	0.0

4.3 Per table

Database	Schema	Type	Table	Inserts	Updates	Hot updates	Deletes
crm	public	table	sbtest3	0.0	551362.0	0.0	0.0
crm	public	table	sbtest1	0.0	550502.0	0.0	0.0
crm	public	table	sbtest2	0.0	549973.0	0.0	0.0
crm	public	table	sbtest10	0.0	0.0	0.0	0.0
crm	public	table	sbtest4	0.0	0.0	0.0	0.0
crm	public	table	sbtest5	0.0	0.0	0.0	0.0
crm	public	table	sbtest6	0.0	0.0	0.0	0.0
crm	public	table	sbtest7	0.0	0.0	0.0	0.0
crm	public	table	sbtest8	0.0	0.0	0.0	0.0
crm	public	table	sbtest9	0.0	0.0	0.0	0.0

5. Sessions workload

5.1 by Wait event type

Wait event type	% impact
LWLock	80.98%
CPU	18.83%
Client	0.12%
IO	0.08%

5.2 by Wait event

Wait event	% impact
WALWriteLock	80.98%
CPU	18.83%
ClientRead	0.12%
WALWrite	0.08%

5.3 by Database

Database	% impact
crm	99.97%
postgres	0.04%

5.4 by User name

User name	% impact
crm_user	99.97%
datasentinel	0.04%

5.5 by Command type

Command type	% impact
UPDATE	99.97%
SELECT	0.04%

5.6 by Query md5 id

Query md5 id	% impact
cc79698631dfd6ada49ff1dd821ea24b	33.48%
9da412ddeb2fe27cdb12e9df16667ab5	33.29%
6fb8e9ad28ffb534804e58afe649a98a	33.21%
578d5d205a5475a98bbf4fac3a4289fc	0.04%

6. Queries

6.1 Summary

	Total	Per second	Per call
Time	190.78s	0.027s	0.001s
Calls	1647580.0	228.831	
Shared Blocks			
Hit	19222849.0	2669.85	11.67
Read	1678.0	0.24	0.01
Dirtied	147898.0	20.55	0.09
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

6.2 Database crm

	Total	Per second	Per call
Time	183.66s	0.026s	0.001s
Calls	1635749.0	227.188	
Shared Blocks			
Hit	19212754.0	2668.44	11.75
Read	1678.0	0.24	0.01
Dirtied	147898.0	20.55	0.1
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

6.3 Database postgres

	Total	Per second	Per call
Time	7.12s	0.001s	0.001s
Calls	11831.0	1.644	
Shared Blocks			
Hit	10095.0	1.41	0.86
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

6.4 By execution time

Database	User	Calls	Total time	Time / call
crm	crm_user	545410.0	61.353s	0.001s
UPDATE sbtest3 SET k=k+\$1 WHERE id=\$2				
crm	crm_user	544327.0	61.273s	0.001s
UPDATE sbtest2 SET k=k+\$1 WHERE id=\$2				
crm	crm_user	545988.0	60.967s	0.001s
UPDATE sbtest1 SET k=k+\$1 WHERE id=\$2				
postgres	datasentinel	240.0	2.764s	0.012s
select checkpoints_timed, checkpoints_req, checkpoint_write_time, checkpoint_sync_time, bu...				
postgres	datasentinel	240.0	2.377s	0.01s
select pg_authid.rolname as tag_user, ltrim(to_char(queryid,\$1)) as queryid, pg_database.datname as ...				
postgres	datasentinel	240.0	0.707s	0.003s
select pg_authid.rolname as tag_user, ltrim(to_char(planid,\$1)) as tag_planid, ltrim(to_char(queryid...				
postgres	datasentinel	1442.0	0.543s	0.001s
select to_char(now() at time zone \$1, \$2) as ash_time_str, now() at time zone \$3, datname as tag...				
postgres	datasentinel	46.0	0.195s	0.005s
select queryid as queryid, query as sql_text, MD5(query) as md5_id from pg_stat_statements where que...				
postgres	datasentinel	240.0	0.147s	0.001s
select datname as "tag_database", xact_commit, xact_rollback, blks_read,blks_hit, tup_return...				
postgres	datasentinel	40.0	0.094s	0.003s
select plan from pg_store_plans where planid = \$1 and queryid_stat_statements = \$2				
postgres	datasentinel	244.0	0.088s	0.001s
select to_char(now() at time zone \$1, \$2)				
postgres	datasentinel	240.0	0.087s	0.001s
select v.pid as tag_pid, v.datname as tag_database, v.relid as tag_relid, c.relname as tag_table, a....				
crm	datasentinel	4.0	0.058s	0.015s
select s.relid, current_database() as tag_database, s.schemaname as tag_schemaname, s.relname as tag...				
postgres	datasentinel	4.0	0.035s	0.009s
select datname as tag_database, rolname, datcollate, datatype, datconllimit, spcname, pg_encoding_to...				
postgres	datasentinel	240.0	0.026s	0.001s
SELECT extract(\$1 from now() - pg_postmaster_start_time()) \$2 to_char(now() - pg_postmaster_st...				
postgres	datasentinel	240.0	0.015s	0.001s
SELECT to_char(pg_postmaster_start_time(),\$1)				
postgres	datasentinel	3948.0	0.011s	0.001s
BEGIN				
postgres	datasentinel	3224.0	0.008s	0.001s
COMMIT				
postgres	datasentinel	240.0	0.008s	0.001s
select pg_current_wal_lsn() as current_lsn				
postgres	datasentinel	4.0	0.008s	0.002s

```
select name as tag_name, setting, case when unit is null then $1 else unit end as unit, cate...
```


6.5 By shared blocks read

Database	User	Calls	Blocks read	Reads / call
crm	crm_user	545988.0	636.0	1
UPDATE sbtest1 SET k=k+\$1 WHERE id=\$2				
crm	crm_user	544327.0	621.0	1
UPDATE sbtest2 SET k=k+\$1 WHERE id=\$2				
crm	crm_user	545410.0	417.0	1
UPDATE sbtest3 SET k=k+\$1 WHERE id=\$2				
crm	datasentinel	4.0	4.0	1
select current_database() as tag_database, s.schemaname as tag_schemaname, s.relname as tag_relname,...				
crm	datasentinel	4.0	0.0	0
select s.relid, current_database() as tag_database, s.schemaname as tag_schemaname, s.relname as tag...				
crm	datasentinel	8.0	0.0	0
BEGIN				
crm	datasentinel	8.0	0.0	0
COMMIT				
postgres	datasentinel	240.0	0.0	0
select pg_authid.rolname as tag_user, ltrim(to_char(queryid,\$1)) as queryid, pg_database.datname as ...				
postgres	datasentinel	4.0	0.0	0
select datname as tag_database, rolname, datcollate, datctype, datconnlimit, spcname, pg_encoding_to...				
postgres	datasentinel	4.0	0.0	0
select s.relid, current_database() as tag_database, s.schemaname as tag_schemaname, s.relname as tag...				
postgres	datasentinel	3948.0	0.0	0
BEGIN				
postgres	datasentinel	3224.0	0.0	0
COMMIT				
postgres	datasentinel	711.0	0.0	0
ROLLBACK				
postgres	datasentinel	1442.0	0.0	0
select to_char(now() at time zone \$1, \$2) as ash_time_str, now() at time zone \$3, datname as tag...				
postgres	datasentinel	240.0	0.0	0
select datname as "tag_database", xact_commit, xact_rollback, blks_read,blks_hit, tup_return...				
postgres	datasentinel	240.0	0.0	0
SELECT extract(\$1 from now() - pg_postmaster_start_time()) \$2 to_char(now() - pg_postmaster_st...				
postgres	datasentinel	4.0	0.0	0
select current_database() as tag_database, s.schemaname as tag_schemaname, s.relname as tag_relname,...				
postgres	datasentinel	40.0	0.0	0
select plan from pg_store_plans where planid = \$1 and queryid_stat_statements = \$2				
postgres	datasentinel	240.0	0.0	0
select v.pid as tag_pid, v.datname as tag_database, v.relid as tag_relid, c.relname as tag_table, a....				
postgres	datasentinel	240.0	0.0	0

```
select pg_wal_lsn_diff($1, $2) as wal_size
```

6.6 By shared block hit

Database	User	Calls	Blocks hit	Hits / call
crm	crm_user	545410.0	6410763.0	12
UPDATE sbtest3 SET k=k+\$1 WHERE id=\$2				
crm	crm_user	545988.0	6406152.0	12
UPDATE sbtest1 SET k=k+\$1 WHERE id=\$2				
crm	crm_user	544327.0	6394323.0	12
UPDATE sbtest2 SET k=k+\$1 WHERE id=\$2				
postgres	datasentinel	1442.0	6765.0	5
select to_char(now()) at time zone \$1, \$2) as ash_time_str, now() at time zone \$3, datname as tag...				
crm	datasentinel	4.0	1268.0	317
select current_database() as tag_database, s.schemaname as tag_schemaname, s.relname as tag_relname,...				
postgres	datasentinel	240.0	1200.0	5
select datname as "tag_database", xact_commit, xact_rollback, blks_read,blks_hit, tup_return...				
postgres	datasentinel	240.0	1026.0	5
select v.pid as tag_pid, v.datname as tag_database, v.relid as tag_relid, c.relname as tag_table, a....				
postgres	datasentinel	240.0	480.0	2
select pg_authid.rolname as tag_user, ltrim(to_char(queryid,\$1)) as queryid, pg_database.datname as ...				
postgres	datasentinel	240.0	480.0	2
select pg_authid.rolname as tag_user, ltrim(to_char(planid,\$1)) as tag_planid, ltrim(to_char(queryid...				
crm	datasentinel	4.0	248.0	62
select s.relid, current_database() as tag_database, s.schemaname as tag_schemaname, s.relname as tag...				
postgres	datasentinel	4.0	64.0	16
select current_database() as tag_database, s.schemaname as tag_schemaname, s.relname as tag_relname,...				
postgres	datasentinel	4.0	52.0	13
select s.relid, current_database() as tag_database, s.schemaname as tag_schemaname, s.relname as tag...				
postgres	datasentinel	4.0	28.0	7
select datname as tag_database, rolname, datcollate, datatype, datconnlimit, spcname, pg_encoding_to...				
crm	datasentinel	8.0	0.0	0
BEGIN				
crm	datasentinel	8.0	0.0	0
COMMIT				
postgres	datasentinel	3948.0	0.0	0
BEGIN				
postgres	datasentinel	3224.0	0.0	0
COMMIT				
postgres	datasentinel	711.0	0.0	0
ROLLBACK				
postgres	datasentinel	240.0	0.0	0
SELECT extract(\$1 from now() - pg_postmaster_start_time()) \$2 to_char(now() - pg_postmaster_st...				
postgres	datasentinel	40.0	0.0	0

```
select plan from pg_store_plans where planid = $1 and queryid_stat_statements = $2
```

7. Tables access

7.1 By reads

Database	Schema	Type	Table	Blocks read
crm	public	table	sbtest1	3357.0
crm	public	table	sbtest2	151.0
crm	public	table	sbtest3	148.0
crm	public	table	sbtest10	0.0
crm	public	table	sbtest4	0.0
crm	public	table	sbtest5	0.0
crm	public	table	sbtest6	0.0
crm	public	table	sbtest7	0.0
crm	public	table	sbtest8	0.0
crm	public	table	sbtest9	0.0

7.2 By hits

Database	Schema	Type	Table	Blocks hit
crm	public	table	sbtest3	2459333.0
crm	public	table	sbtest2	2451395.0
crm	public	table	sbtest1	2448700.0
crm	public	table	sbtest10	0.0
crm	public	table	sbtest4	0.0
crm	public	table	sbtest5	0.0
crm	public	table	sbtest6	0.0
crm	public	table	sbtest7	0.0
crm	public	table	sbtest8	0.0
crm	public	table	sbtest9	0.0

8. Indexes access

8.1 By reads

Database	Schema	Table	Index	Blocks read
crm	public	sbtest1	k_1	8588.0
crm	public	sbtest2	k_2	6133.0
crm	public	sbtest3	k_3	3865.0
crm	public	sbtest1	sbtest1_pkey	2570.0
crm	public	sbtest2	sbtest2_pkey	2520.0
crm	public	sbtest3	sbtest3_pkey	2508.0
crm	public	sbtest10	k_10	0.0
crm	public	sbtest4	k_4	0.0
crm	public	sbtest5	k_5	0.0
crm	public	sbtest6	k_6	0.0
crm	public	sbtest7	k_7	0.0
crm	public	sbtest8	k_8	0.0
crm	public	sbtest9	k_9	0.0
crm	public	sbtest10	sbtest10_pkey	0.0
crm	public	sbtest4	sbtest4_pkey	0.0
crm	public	sbtest5	sbtest5_pkey	0.0
crm	public	sbtest6	sbtest6_pkey	0.0
crm	public	sbtest7	sbtest7_pkey	0.0
crm	public	sbtest8	sbtest8_pkey	0.0
crm	public	sbtest9	sbtest9_pkey	0.0

8.2 By hits

Database	Schema	Table	Index	Blocks hit
crm	public	sbtest3	sbtest3_pkey	2633534.0
crm	public	sbtest1	sbtest1_pkey	2628222.0
crm	public	sbtest2	sbtest2_pkey	2625751.0
crm	public	sbtest3	k_3	1712306.0
crm	public	sbtest2	k_2	1706202.0
crm	public	sbtest1	k_1	1705261.0
crm	public	sbtest10	k_10	0.0
crm	public	sbtest4	k_4	0.0
crm	public	sbtest5	k_5	0.0
crm	public	sbtest6	k_6	0.0
crm	public	sbtest7	k_7	0.0
crm	public	sbtest8	k_8	0.0
crm	public	sbtest9	k_9	0.0
crm	public	sbtest10	sbtest10_pkey	0.0
crm	public	sbtest4	sbtest4_pkey	0.0
crm	public	sbtest5	sbtest5_pkey	0.0
crm	public	sbtest6	sbtest6_pkey	0.0
crm	public	sbtest7	sbtest7_pkey	0.0
crm	public	sbtest8	sbtest8_pkey	0.0
crm	public	sbtest9	sbtest9_pkey	0.0

9. Data size

9.1 By database

Database	Size
crm	320MB
postgres	8MB

9.2 Tables

Database	Schema	Type	Table	Size
crm	public	table	sbtest3	23MB
crm	public	table	sbtest2	23MB
crm	public	table	sbtest1	23MB
crm	public	table	sbtest10	21MB
crm	public	table	sbtest4	21MB
crm	public	table	sbtest5	21MB
crm	public	table	sbtest6	21MB
crm	public	table	sbtest7	21MB
crm	public	table	sbtest8	21MB
crm	public	table	sbtest9	21MB

9.3 Indexes

Database	Schema	Table	Index	Size
crm	public	sbtest3	k_3	19MB
crm	public	sbtest2	k_2	18MB
crm	public	sbtest1	k_1	18MB
crm	public	sbtest3	sbtest3_pkey	3MB
crm	public	sbtest1	sbtest1_pkey	3MB
crm	public	sbtest2	sbtest2_pkey	3MB
crm	public	sbtest10	k_10	2MB
crm	public	sbtest4	k_4	2MB
crm	public	sbtest5	k_5	2MB
crm	public	sbtest6	k_6	2MB
crm	public	sbtest7	k_7	2MB
crm	public	sbtest8	k_8	2MB
crm	public	sbtest9	k_9	2MB
crm	public	sbtest10	sbtest10_pkey	2MB
crm	public	sbtest4	sbtest4_pkey	2MB
crm	public	sbtest5	sbtest5_pkey	2MB
crm	public	sbtest6	sbtest6_pkey	2MB
crm	public	sbtest7	sbtest7_pkey	2MB
crm	public	sbtest8	sbtest8_pkey	2MB
crm	public	sbtest9	sbtest9_pkey	2MB

10. Parameters

10.1 Autovacuum

Name	First value	Last value	Unit
autovacuum	on	on	
autovacuum_analyze_scale_factor	0.1	0.1	
autovacuum_analyze_threshold	50	50	
autovacuum_freeze_max_age	200000000	200000000	
autovacuum_max_workers	3	3	
autovacuum_multixact_freeze_max_age	400000000	400000000	
autovacuum_naptime	60	60	s
autovacuum_vacuum_cost_delay	20	20	ms
autovacuum_vacuum_cost_limit	-1	-1	
autovacuum_vacuum_scale_factor	0.2	0.2	
autovacuum_vacuum_threshold	50	50	
DateStyle	ISO, MDY	ISO, MDY	

10.2 Client Connection Defaults / Locale and Formatting

Name	First value	Last value	Unit
IntervalStyle	postgres	postgres	
TimeZone	Europe/Paris	Europe/Paris	
client_encoding	UTF8	UTF8	
default_text_search_config	pg_catalog.english	pg_catalog.english	
extra_float_digits	0	0	
lc_collate	en_US.UTF-8	en_US.UTF-8	
lc_ctype	en_US.UTF-8	en_US.UTF-8	
lc_messages	en_US.UTF-8	en_US.UTF-8	
lc_monetary	en_US.UTF-8	en_US.UTF-8	
lc_numeric	en_US.UTF-8	en_US.UTF-8	
lc_time	en_US.UTF-8	en_US.UTF-8	
server_encoding	UTF8	UTF8	
timezone_abbreviations	Default	Default	
dynamic_library_path	\$libdir	\$libdir	

10.3 Client Connection Defaults / Other Defaults

Name	First value	Last value	Unit
gin_fuzzy_search_limit	0	0	
tcp_keepalives_count	9	9	
tcp_keepalives_idle	7200	7200	s

tcp_keepalives_interval	75	75	s
jit_provider	llvmjit	llvmjit	

10.4 Client Connection Defaults / Shared Library Preloading

Name	First value	Last value	Unit
local_preload_libraries			
session_preload_libraries			
shared_preload_libraries	pg_stat_statements,datasentinel,pg_stat_statements,datasentinel,pg_store_plans	pg_stat_statements,datasentinel,pg_store_plans	
bytea_output	hex	hex	

10.5 Client Connection Defaults / Statement Behavior

Name	First value	Last value	Unit
check_function_bodies	on	on	
client_min_messages	notice	notice	
default_tablespace			
default_transaction_deferrable	off	off	
default_transaction_isolation	read committed	read committed	
default_transaction_read_only	off	off	
gin_pending_list_limit	4096	4096	kB
idle_in_transaction_session_timeout	0	0	ms
lock_timeout	0	0	ms
row_security	on	on	
search_path	"\$user", public	"\$user", public	
session_replication_role	origin	origin	
statement_timeout	0	0	ms
temp_tablespaces			
transaction_deferrable	off	off	
transaction_isolation	read committed	read committed	
transaction_read_only	off	off	
vacuum_cleanup_index_scale_factor	0.1	0.1	
vacuum_freeze_min_age	50000000	50000000	
vacuum_freeze_table_age	150000000	150000000	
vacuum_multixact_freeze_min_age	5000000	5000000	
vacuum_multixact_freeze_table_age	150000000	150000000	
xmlbinary	base64	base64	
xmloption	content	content	
authentication_timeout	60	60	s

10.6 Connections and Authentication / Authentication

Name	First value	Last value	Unit
db_user_namespace	off	off	
krb_caseins_users	off	off	
krb_server_keyfile	FILE:/etc/sysconfig/pgsql/krb5.keytab	FILE:/etc/sysconfig/pgsql/krb5.keytab	
password_encryption	md5	md5	
bonjour	off	off	

10.7 Connections and Authentication / Connection Settings

Name	First value	Last value	Unit
bonjour_name			
listen_addresses	*	*	
max_connections	100	100	
port	9342	9342	
superuser_reserved_connections	3	3	
unix_socket_directories	/var/run/postgresql, /tmp	/var/run/postgresql, /tmp	
unix_socket_group			
unix_socket_permissions	0777	0777	
ssl	off	off	

10.8 Connections and Authentication / SSL

Name	First value	Last value	Unit
ssl_ca_file			
ssl_cert_file	server.crt	server.crt	
ssl_ciphers	HIGH:MEDIUM:+3DES:!aNULL	HIGH:MEDIUM:+3DES:!aNULL	
ssl_crl_file			
ssl_dh_params_file			
ssl_ecdh_curve	prime256v1	prime256v1	
ssl_key_file	server.key	server.key	
ssl_passphrase_command			
ssl_passphrase_command_supports_reload	off	off	
ssl_prefer_server_ciphers	on	on	
pg_stat_statements.max	5000	5000	

10.9 Customized Options

Name	First value	Last value	Unit
pg_stat_statements.save	on	on	
pg_stat_statements.track	all	all	
pg_stat_statements.track_utility	on	on	
pg_store_plans.log_analyze	off	off	

pg_store_plans.log_buffers	off	off
pg_store_plans.log_timing	off	off
pg_store_plans.log_triggers	off	off
pg_store_plans.log_verbose	off	off
pg_store_plans.max	1000	1000
pg_store_plans.min_duration	0	0
pg_store_plans.plan_format	text	text
pg_store_plans.save	off	off
pg_store_plans.track	top	top
allow_system_table_mods	off	off

10.10 Developer Options

Name	First value	Last value	Unit
ignore_checksum_failure	off	off	
ignore_system_indexes	off	off	
jit_debugging_support	off	off	
jit_dump_bitcode	off	off	
jit_expressions	on	on	
jit_profiling_support	off	off	
jit_tuple_deforming	on	on	
post_auth_delay	0	0	s
pre_auth_delay	0	0	s
trace_notify	off	off	
trace_recovery_messages	log	log	
trace_sort	off	off	
wal_consistency_checking			
zero_damaged_pages	off	off	
data_sync_retry	off	off	

10.11 Error Handling

Name	First value	Last value	Unit
exit_on_error	off	off	
restart_after_crash	on	on	
config_file	/datasentinel/data/pgdata/postgresql.conf	/datasentinel/data/pgdata/postgresql.conf	

10.12 File Locations

Name	First value	Last value	Unit
data_directory	/datasentinel/data/pgdata	/datasentinel/data/pgdata	
external_pid_file			

hba_file	data/sentinel/data/pgdata/pg_hba.conf	data/sentinel/data/pgdata/pg_hba.conf	
ident_file	data/sentinel/data/pgdata/pg_ident.conf	data/sentinel/data/pgdata/pg_ident.conf	
deadlock_timeout	1000	1000	ms

10.13 Lock Management

Name	First value	Last value	Unit
max_locks_per_transaction	64	64	
max_pred_locks_per_page	2	2	
max_pred_locks_per_relation	-2	-2	
max_pred_locks_per_transaction	64	64	
block_size	8192	8192	

10.14 Preset Options

Name	First value	Last value	Unit
data_checksums	off	off	
data_directory_mode	0700	0700	
debug_assertions	off	off	
integer_datetimes	on	on	
max_function_args	100	100	
max_identifier_length	63	63	
max_index_keys	32	32	
segment_size	131072	131072	8kB
server_version	11.6	11.6	
server_version_num	110006	110006	
wal_block_size	8192	8192	
wal_segment_size	16777216	16777216	B
cluster_name			

10.15 Process Title

Name	First value	Last value	Unit
update_process_title	on	on	
geqo	on	on	

10.16 Query Tuning / Genetic Query Optimizer

Name	First value	Last value	Unit
geqo_effort	5	5	
geqo_generations	0	0	
geqo_pool_size	0	0	

geqo_seed	0	0
geqo_selection_bias	2	2
geqo_threshold	12	12
constraint_exclusion	partition	partition

10.17 Query Tuning / Other Planner Options

Name	First value	Last value	Unit
cursor_tuple_fraction	0.1	0.1	
default_statistics_target	100	100	
force_parallel_mode	off	off	
from_collapse_limit	8	8	
jit	off	off	
join_collapse_limit	8	8	
cpu_index_tuple_cost	0.005	0.005	

10.18 Query Tuning / Planner Cost Constants

Name	First value	Last value	Unit
cpu_operator_cost	0.0025	0.0025	
cpu_tuple_cost	0.01	0.01	
effective_cache_size	524288	524288	8kB
jit_above_cost	100000	100000	
jit_inline_above_cost	500000	500000	
jit_optimize_above_cost	500000	500000	
min_parallel_index_scan_size	64	64	8kB
min_parallel_table_scan_size	1024	1024	8kB
parallel_setup_cost	1000	1000	
parallel_tuple_cost	0.1	0.1	
random_page_cost	4	4	
seq_page_cost	1	1	
enable_bitmapscan	on	on	

10.19 Query Tuning / Planner Method Configuration

Name	First value	Last value	Unit
enable_gathermerge	on	on	
enable_hashagg	on	on	
enable_hashjoin	on	on	
enable_indexonlyscan	on	on	
enable_indexscan	on	on	
enable_material	on	on	

enable_mergejoin	on	on
enable_nestloop	on	on
enable_parallel_append	on	on
enable_parallel_hash	on	on
enable_partition_pruning	on	on
enable_partitionwise_aggregate	off	off
enable_partitionwise_join	off	off
enable_seqscan	on	on
enable_sort	on	on
enable_tidscan	on	on
track_commit_timestamp	off	off

10.20 Replication

Name	First value	Last value	Unit
synchronous_standby_names			

10.21 Replication / Master Server

Name	First value	Last value	Unit
vacuum_defer_cleanup_age	0	0	
max_replication_slots	10	10	

10.22 Replication / Sending Servers

Name	First value	Last value	Unit
max_wal_senders	10	10	
wal_keep_segments	0	0	
wal_sender_timeout	60000	60000	ms
hot_standby	on	on	

10.23 Replication / Standby Servers

Name	First value	Last value	Unit
hot_standby_feedback	off	off	
max_standby_archive_delay	30000	30000	ms
max_standby_streaming_delay	30000	30000	ms
wal_receiver_status_interval	10	10	s
wal_receiver_timeout	60000	60000	ms
wal_retrieve_retry_interval	5000	5000	ms
max_logical_replication_workers	4	4	

10.24 Replication / Subscribers

Name	First value	Last value	Unit
max_sync_workers_per_subscription	2	2	
application_name			

10.25 Reporting and Logging / What to Log

Name	First value	Last value	Unit
debug_pretty_print	on	on	
debug_print_parse	off	off	
debug_print_plan	off	off	
debug_print_rewritten	off	off	
log_autovacuum_min_duration	-1	-1	ms
log_checkpoints	off	off	
log_connections	off	off	
log_disconnections	off	off	
log_duration	off	off	
log_error_verbosity	default	default	
log_hostname	off	off	
log_line_prefix	%m [%p]	%m [%p]	
log_lock_waits	off	off	
log_replication_commands	off	off	
log_statement	none	none	
log_temp_files	-1	-1	kB
log_timezone	Europe/Paris	Europe/Paris	
log_min_duration_statement	-1	-1	ms

10.26 Reporting and Logging / When to Log

Name	First value	Last value	Unit
log_min_error_statement	error	error	
log_min_messages	warning	warning	
event_source	PostgreSQL	PostgreSQL	

10.27 Reporting and Logging / Where to Log

Name	First value	Last value	Unit
log_destination	stderr	stderr	
log_directory	log	log	
log_file_mode	0600	0600	
log_filename	postgresql-%a.log	postgresql-%a.log	

log_rotation_age	1440	1440	min
log_rotation_size	0	0	kB
log_truncate_on_rotation	on	on	
logging_collector	on	on	
syslog_facility	local0	local0	
syslog_ident	postgres	postgres	
syslog_sequence_numbers	on	on	
syslog_split_messages	on	on	
backend_flush_after	0	0	8kB

10.28 Resource Usage / Asynchronous Behavior

Name	First value	Last value	Unit
effective_io_concurrency	1	1	
max_parallel_maintenance_workers	2	2	
max_parallel_workers	8	8	
max_parallel_workers_per_gather	2	2	
max_worker_processes	8	8	
old_snapshot_threshold	-1	-1	min
parallel_leader_participation	on	on	
bgwriter_delay	200	200	ms

10.29 Resource Usage / Background Writer

Name	First value	Last value	Unit
bgwriter_flush_after	64	64	8kB
bgwriter_lru_maxpages	100	100	
bgwriter_lru_multiplier	2	2	
vacuum_cost_delay	0	0	ms

10.30 Resource Usage / Cost-Based Vacuum Delay

Name	First value	Last value	Unit
vacuum_cost_limit	200	200	
vacuum_cost_page_dirty	20	20	
vacuum_cost_page_hit	1	1	
vacuum_cost_page_miss	10	10	
temp_file_limit	-1	-1	kB

10.31 Resource Usage / Disk

Name	First value	Last value	Unit
------	-------------	------------	------

max_files_per_process	1000	1000
-----------------------	------	------

10.32 Resource Usage / Kernel Resources

Name	First value	Last value	Unit
autovacuum_work_mem	-1	-1	kB

10.33 Resource Usage / Memory

Name	First value	Last value	Unit
dynamic_shared_memory_type	posix	posix	
huge_pages	try	try	
maintenance_work_mem	65536	65536	kB
max_prepared_transactions	0	0	
max_stack_depth	2048	2048	kB
shared_buffers	16384	16384	8kB
temp_buffers	1024	1024	8kB
track_activity_query_size	2048	2048	B
work_mem	4096	4096	kB
log_executor_stats	off	off	

10.34 Statistics / Monitoring

Name	First value	Last value	Unit
log_parser_stats	off	off	
log_planner_stats	off	off	
log_statement_stats	off	off	
stats_temp_directory	pg_stat_tmp	pg_stat_tmp	

10.35 Statistics / Query and Index Statistics Collector

Name	First value	Last value	Unit
track_activities	on	on	
track_counts	on	on	
track_functions	none	none	
track_io_timing	on	on	
transform_null_equals	off	off	

10.36 Version and Platform Compatibility / Other Platforms and Clients

Name	First value	Last value	Unit
array_nulls	on	on	

10.37 Version and Platform Compatibility / Previous PostgreSQL Versions

Name	First value	Last value	Unit
backslash_quote	safe_encoding	safe_encoding	
default_with_oids	off	off	
escape_string_warning	on	on	
lo_compat_privileges	off	off	
operator_precedence_warning	off	off	
quote_all_identifiers	off	off	
standard_conforming_strings	on	on	
synchronize_seqscans	on	on	
archive_command	(disabled)	(disabled)	

10.38 Write-Ahead Log / Archiving

Name	First value	Last value	Unit
archive_mode	off	off	
archive_timeout	0	0	s
checkpoint_completion_target	0.5	0.5	

10.39 Write-Ahead Log / Checkpoints

Name	First value	Last value	Unit
checkpoint_flush_after	32	32	8kB
checkpoint_timeout	300	300	s
checkpoint_warning	30	30	s
max_wal_size	1024	1024	MB
min_wal_size	80	80	MB
commit_delay	0	0	

11. Queries details

11.1 UPDATE sbtest3 SET k=k+\$1 WHERE id=\$2

Md5 id 9da412ddeb2fe27cdb12e9df16667ab5
Query id 7374538117651767477
Database crm
User crm_user

	Total	Per second	Per call
Time	61.36s	0.009s	0.001s
Calls	545410.0	75.752	
Shared Blocks			
Hit	6410763.0	890.39	11.76
Read	417.0	0.06	0.01
Dirtied	47266.0	6.57	0.09
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

UPDATE sbtest3 SET k=k+\$1 WHERE id=\$2

11.2 UPDATE sbtest2 SET k=k+\$1 WHERE id=\$2

Md5 id 6fb8e9ad28ffb534804e58afe649a98a
Query id 950619893283907220
Database crm
User crm_user

	Total	Per second	Per call
Time	61.28s	0.009s	0.001s
Calls	544327.0	75.601	
Shared Blocks			
Hit	6394323.0	888.11	11.75
Read	621.0	0.09	0.01
Dirtied	49893.0	6.93	0.1
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

UPDATE sbtest2 SET k=k+\$1 WHERE id=\$2

11.3 UPDATE sbtest1 SET k=k+\$1 WHERE id=\$2

Md5 id cc79698631dfd6ada49ff1dd821ea24b
Query id -3173804490648900328
Database crm
User crm_user

	Total	Per second	Per call
Time	60.97s	0.009s	0.001s
Calls	545988.0	75.832	
Shared Blocks			
Hit	6406152.0	889.75	11.74
Read	636.0	0.09	0.01
Dirtied	50739.0	7.05	0.1
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

UPDATE sbtest1 SET k=k+\$1 WHERE id=\$2

11.4 select checkpoints_timed, checkpoints_req, c...

Md5 id de248cd86cdd098e9bc09964ff42391f
Query id -8637229579164371332
Database postgres
User datasentinel

	Total	Per second	Per call
Time	2.77s	0.001s	0.012s
Calls	240.0	0.034	
Shared Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

select checkpoints_timed, checkpoints_req, checkpoint_write_time, checkpoint_sync_time, buffers_checkpoint, buffers_clean, buffers_backend, buffers_backend_fsync, buffers_alloc from pg_stat_bgwriter

11.5 select pg_authid.rolname as tag_user, ltrim(to_cha...

Md5 id 0873c77e877bd3d284317e9537bbff9e
Query id 4010717593571975257
Database postgres
User datasentinel

	Total	Per second	Per call
Time	2.38s	0.001s	0.01s
Calls	240.0	0.034	
Shared Blocks			
Hit	480.0	0.07	2.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

select pg_authid.rolname as tag_user, ltrim(to_char(queryid,\$1)) as queryid, pg_database.datname as tag_database, calls, total_time, rows, shared_blks_hit, shared_blks_dirtied, shared_blks_read, shared_blks_written, local_blks_hit, local_blks_dirtied, local_blks_read, local_blks_written, temp_blks_read, temp_blks_written, blk_read_time, blk_write_time, MD5(query) as tag_query_md5_id from pg_stat_statements, pg_database, pg_authid where pg_stat_statements.dbid = pg_database.oid and pg_stat_statements.userid = pg_authid.oid

11.6 select pg_authid.rolname as tag_user, ltrim(to_cha...

Md5 id de4cd127e33aac23b705d25ca1b4c919
Query id 1120956980221566308
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.71s	0.001s	0.003s
Calls	240.0	0.034	
Shared Blocks			
Hit	480.0	0.07	2.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

select pg_authid.rolname as tag_user, ltrim(to_char(planid,\$1)) as tag_planid,
ltrim(to_char(queryid_stat_statements,\$2)) as queryid_stat_statements, pg_database.datname as tag_database, calls,
total_time, rows, shared_blks_hit, shared_blks_dirtied, shared_blks_read, shared_blks_written, local_blks_hit,
local_blks_dirtied, local_blks_read, local_blks_written, temp_blks_read, temp_blks_written, blk_read_time,
blk_write_time, to_char(last_call,\$3) as last_call from pg_store_plans, pg_database, pg_authid where
pg_store_plans.queryid_stat_statements != \$4 and pg_store_plans.dbid = pg_database.oid and pg_store_plans.userid
= pg_authid.oid

11.7 select to_char(now() at time zone \$1, \$2) as ash_t...

Md5 id 578d5d205a5475a98bbf4fac3a4289fc
Query id -8875124867384707555
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.55s	0.001s	0.001s
Calls	1442.0	0.201	
Shared Blocks			
Hit	6765.0	0.94	4.7
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

select to_char(now() at time zone \$1, \$2) as ash_time_str, now() at time zone \$3, datname as tag_database, pid as tag_process_id, case when username is null then \$4 else username end as tag_user_name, case when application_name is null or application_name = \$5 then \$6 else application_name end as tag_application_name, case when client_hostname is null and client_addr is null then \$7 when client_hostname is null then cast (client_addr as varchar) else client_hostname end as tag_client_host_name, case when wait_event_type is null then \$8 else wait_event_type end as tag_wait_event_type, case when wait_event is null then \$9 else wait_event end as tag_wait_event, \$10 as queryid, query, backend_type, backend_start, \$11 as value from pg_stat_activity where pid != pg_backend_pid() and state = \$12 and backend_type not like \$13

11.8 select queryid as queryid, query as sql_text, MD5(...

Md5 id f241e53b7d0a77bb0ae813362e26043d
Query id 64521240606966633
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.2s	0.001s	0.005s
Calls	46.0	0.007	
Shared Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

select queryid as queryid, query as sql_text, MD5(query) as md5_id from pg_stat_statements where queryid = \$1

11.9 select datname as "tag_database", xact_commit, ...

Md5 id 5a2bf74e51df124ca77033609b4bbe3c
Query id 2912884609644173489
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.15s	0.001s	0.001s
Calls	240.0	0.034	
Shared Blocks			
Hit	1200.0	0.17	5.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

select datname as "tag_database", xact_commit, xact_rollback, blks_read,blks_hit, tup_returned, tup_fetched, tup_inserted, tup_updated, tup_deleted, blk_read_time, blk_write_time, temp_bytes, temp_files, numbackends from pg_stat_database where datname in (select datname from pg_database where datistemplate is false)

11.10 select plan from pg_store_plans where planid = \$1 ...

Md5 id a7ae446410277d97be7b9a48471cdea8
Query id 204287132943079984
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.1s	0.001s	0.003s
Calls	40.0	0.006	
Shared Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

select plan from pg_store_plans where planid = \$1 and queryid_stat_statements = \$2

11.11 select to_char(now() at time zone \$1, \$2)

Md5 id fb1268a4d4152c97cd79784da490e612
Query id 3788389275214642998
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.09s	0.001s	0.001s
Calls	244.0	0.034	
Shared Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

select to_char(now() at time zone \$1, \$2)

11.12 select v.pid as tag_pid, v.datname as tag_database...

Md5 id aa9eefaeeddaf4c319c8ec3ec5031f47
Query id 8058185792557407881
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.09s	0.001s	0.001s
Calls	240.0	0.034	
Shared Blocks			
Hit	1026.0	0.15	4.28
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

select v.pid as tag_pid, v.datname as tag_database, v.relid as tag_relid, c.relname as tag_table, a.backend_start, v.phase, v.heap_blks_total, v.heap_blks_scanned, v.heap_blks_vacuumed, v.index_vacuum_count, v.max_dead_tuples, v.num_dead_tuples from pg_stat_progress_vacuum v join pg_class c on v.relid=c.oid join pg_stat_activity a on v.pid = a.pid

11.13 select s.relid, current_database() as tag_database...

Md5 id 152598edf3bef8d572e5af50992ea0a6
Query id 4506264999314191469
Database crm
User datasentinel

	Total	Per second	Per call
Time	0.06s	0.001s	0.015s
Calls	4.0	0.001	
Shared Blocks			
Hit	248.0	0.04	62.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

select s.relid, current_database() as tag_database, s.schemaname as tag_schemaname, s.relname as tag_relname, coalesce(seq_scan,\$1) as seq_scan, coalesce(seq_tup_read,\$2) as seq_tup_read, coalesce(idx_scan,\$3) as idx_scan, coalesce(idx_tup_fetch,\$4) as idx_tup_fetch, coalesce(n_tup_ins,\$5) as n_tup_ins, coalesce(n_tup_upd,\$6) as n_tup_upd, coalesce(n_tup_del,\$7) as n_tup_del, coalesce(n_tup_hot_upd,\$8) as n_tup_hot_upd, last_vacuum, last_autovacuum, last_analyze, last_autoanalyze, coalesce(vacuum_count,\$9) as vacuum_count, coalesce(autovacuum_count,\$10) as autovacuum_count, coalesce(analyze_count,\$11) as analyze_count, coalesce(autoanalyze_count,\$12) as autoanalyze_count, coalesce(heap_blks_read,\$13) as heap_blks_read, coalesce(heap_blks_hit,\$14) as heap_blks_hit, coalesce(idx_blks_read,\$15) as idx_blks_read, coalesce(idx_blks_hit,\$16) as idx_blks_hit, coalesce(toast_blks_read,\$17) as toast_blks_read, coalesce(toast_blks_hit,\$18) as toast_blks_hit, coalesce(tidb_x_blks_read,\$19) as tidb_x_blks_read, coalesce(tidb_x_blks_hit,\$20) as tidb_x_blks_hit, relpages::bigint*\$21*\$22 AS size, relpages, reltuples, relkind from pg_stat_user_tables s left outer join pg_statio_user_tables i on s.relid = i.relid left outer join pg_class c on s.relid = c.oid

11.14 select datname as tag_database, rolname, datcollat...

Md5 id 0a247299cb6d805ea94bc3bd182058b0
Query id -676134915074765741
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.04s	0.001s	0.009s
Calls	4.0	0.001	
Shared Blocks			
Hit	28.0	0.01	7.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

select datname as tag_database, rolname, datcollate, datctype, datconnlimit, spcname,
pg_encoding_to_char(encoding) as encoding, datallowconn, pg_database_size(datname) from pg_database,
pg_authid, pg_tablespace where datistemplate is false and datdba = pg_authid.oid and dattablespace =
pg_tablespace.oid

11.15 SELECT extract(\$1 from now()) - pg_postmaster_start...

Md5 id 66edf7db36e8105c9d1a63341ee3b31a
Query id -601699501168248552
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.03s	0.001s	0.001s
Calls	240.0	0.034	
Shared Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

SELECT extract(\$1 from now()) - pg_postmaster_start_time()) || \$2 || to_char(now() - pg_postmaster_start_time()),\$3)

11.16 SELECT to_char(pg_postmaster_start_time(),\$1)

Md5 id dddb2a0a79f0b90f53d4266a7b320bae
Query id 3202833662261221361
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.02s	0.001s	0.001s
Calls	240.0	0.034	
Shared Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

SELECT to_char(pg_postmaster_start_time(),\$1)

11.17 BEGIN

Md5 id 19aad9f2fe3ce0023298ab83f7e75775
Query id 2397681704071010949
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.02s	0.001s	0.001s
Calls	3948.0	0.549	
Shared Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

BEGIN

11.18 COMMIT

Md5 id 1d0ba376e273b9d622641124d8c59264
Query id 3694949039461716331
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.01s	0.001s	0.001s
Calls	3224.0	0.448	
Shared Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

COMMIT

11.19 select pg_current_wal_lsn() as current_lsn

Md5 id cd8f1217ee5aa9e848f2e45fff9dbd77
Query id 4101481783870180081
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.01s	0.001s	0.001s
Calls	240.0	0.034	
Shared Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

select pg_current_wal_lsn() as current_lsn

11.20 select name as tag_name, setting, case when ...

Md5 id ee47cb9b6d9d4369a5a8c00060150d34
Query id -5281540090869790867
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.01s	0.001s	0.002s
Calls	4.0	0.001	
Shared Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

select name as tag_name, setting, case when unit is null then \$1 else unit end as unit, category, context, source from pg_settings

11.21 select current_database() as tag_database, s.schem...

Md5 id 69af2291789598d722d3d5bd5f05a6d5
Query id -2063907580936316830
Database crm
User datasentinel

	Total	Per second	Per call
Time	0.01s	0.001s	0.002s
Calls	4.0	0.001	
Shared Blocks			
Hit	1268.0	0.18	317.0
Read	4.0	0.01	1.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

select current_database() as tag_database, s.schemaname as tag_schemaname, s.relname as tag_relname, s.indexrelname as tag_indexrelname, coalesce(idx_scan) as idx_scan, coalesce(idx_tup_read) as idx_tup_read, coalesce(idx_tup_fetch) as idx_tup_fetch, coalesce(idx_blks_read,\$1) as idx_blks_read, coalesce(idx_blks_hit,\$2) as idx_blks_hit, relpages::bigint*\$3*\$4 AS size, relpages, relkind from pg_stat_user_indexes s left outer join pg_statio_user_indexes i on s.relid=i.relid and s.indexrelid=i.indexrelid left outer join pg_class c on s.indexrelid = c.oid

11.22 BEGIN

Md5 id 19aad9f2fe3ce0023298ab83f7e75775
Query id 2397681704071010949
Database crm
User datasentinel

	Total	Per second	Per call
Time	0.0s	0.0s	0.0s
Calls	8.0	0.002	
Shared Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

BEGIN

11.23 COMMIT

Md5 id 1d0ba376e273b9d622641124d8c59264
Query id 3694949039461716331
Database crm
User datasentinel

	Total	Per second	Per call
Time	0.0s	0.0s	0.0s
Calls	8.0	0.002	
Shared Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

COMMIT

11.24 select s.relid, current_database() as tag_database...

Md5 id 152598edf3bef8d572e5af50992ea0a6
Query id 4506264999314191469
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.01s	0.001s	0.001s
Calls	4.0	0.001	
Shared Blocks			
Hit	52.0	0.01	13.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

select s.relid, current_database() as tag_database, s.schemaname as tag_schemaname, s.relname as tag_relname, coalesce(seq_scan,\$1) as seq_scan, coalesce(seq_tup_read,\$2) as seq_tup_read, coalesce(idx_scan,\$3) as idx_scan, coalesce(idx_tup_fetch,\$4) as idx_tup_fetch, coalesce(n_tup_ins,\$5) as n_tup_ins, coalesce(n_tup_upd,\$6) as n_tup_upd, coalesce(n_tup_del,\$7) as n_tup_del, coalesce(n_tup_hot_upd,\$8) as n_tup_hot_upd, last_vacuum, last_autovacuum, last_analyze, last_autoanalyze, coalesce(vacuum_count,\$9) as vacuum_count, coalesce(autovacuum_count,\$10) as autovacuum_count, coalesce(analyze_count,\$11) as analyze_count, coalesce(autoanalyze_count,\$12) as autoanalyze_count, coalesce(heap_blks_read,\$13) as heap_blks_read, coalesce(heap_blks_hit,\$14) as heap_blks_hit, coalesce(idx_blks_read,\$15) as idx_blks_read, coalesce(idx_blks_hit,\$16) as idx_blks_hit, coalesce(toast_blks_read,\$17) as toast_blks_read, coalesce(toast_blks_hit,\$18) as toast_blks_hit, coalesce(tidb_x_blks_read,\$19) as tidb_x_blks_read, coalesce(tidb_x_blks_hit,\$20) as tidb_x_blks_hit, relpages::bigint*\$21*\$22 AS size, relpages, reltuples, relkind from pg_stat_user_tables s left outer join pg_statio_user_tables i on s.relid = i.relid left outer join pg_class c on s.relid = c.oid

11.25 ROLLBACK

Md5 id 2805522dd41e1b57da11967ac5fa258c
Query id 7088996947831101750
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.01s	0.001s	0.001s
Calls	711.0	0.099	
Shared Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

ROLLBACK

11.26 select current_database() as tag_database, s.schem...

Md5 id 69af2291789598d722d3d5bd5f05a6d5
Query id -2063907580936316830
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.01s	0.001s	0.001s
Calls	4.0	0.001	
Shared Blocks			
Hit	64.0	0.01	16.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

select current_database() as tag_database, s.schemaname as tag_schemaname, s.relname as tag_relname, s.indexrelname as tag_indexrelname, coalesce(idx_scan) as idx_scan, coalesce(idx_tup_read) as idx_tup_read, coalesce(idx_tup_fetch) as idx_tup_fetch, coalesce(idx_blks_read,\$1) as idx_blks_read, coalesce(idx_blks_hit,\$2) as idx_blks_hit, relpages::bigint*\$3*\$4 AS size, relpages, relkind from pg_stat_user_indexes s left outer join pg_statio_user_indexes i on s.relid=i.relid and s.indexrelid=i.indexrelid left outer join pg_class c on s.indexrelid = c.oid

11.27 select pg_wal_lsn_diff(\$1, \$2) as wal_size

Md5 id bd146e5b76674c186cfc8f6720fa8d81
Query id 7355405122920618166
Database postgres
User datasentinel

	Total	Per second	Per call
Time	0.01s	0.001s	0.001s
Calls	240.0	0.034	
Shared Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Local Blocks			
Hit	0.0	0.0	0.0
Read	0.0	0.0	0.0
Dirtied	0.0	0.0	0.0
Written	0.0	0.0	0.0
Temporary Blocks			
Read	0.0	0.0	0.0
Written	0.0	0.0	0.0

Text

select pg_wal_lsn_diff(\$1, \$2) as wal_size